

**Honeywell**

## On the Forklift

Shift Your Workflows into High Gear

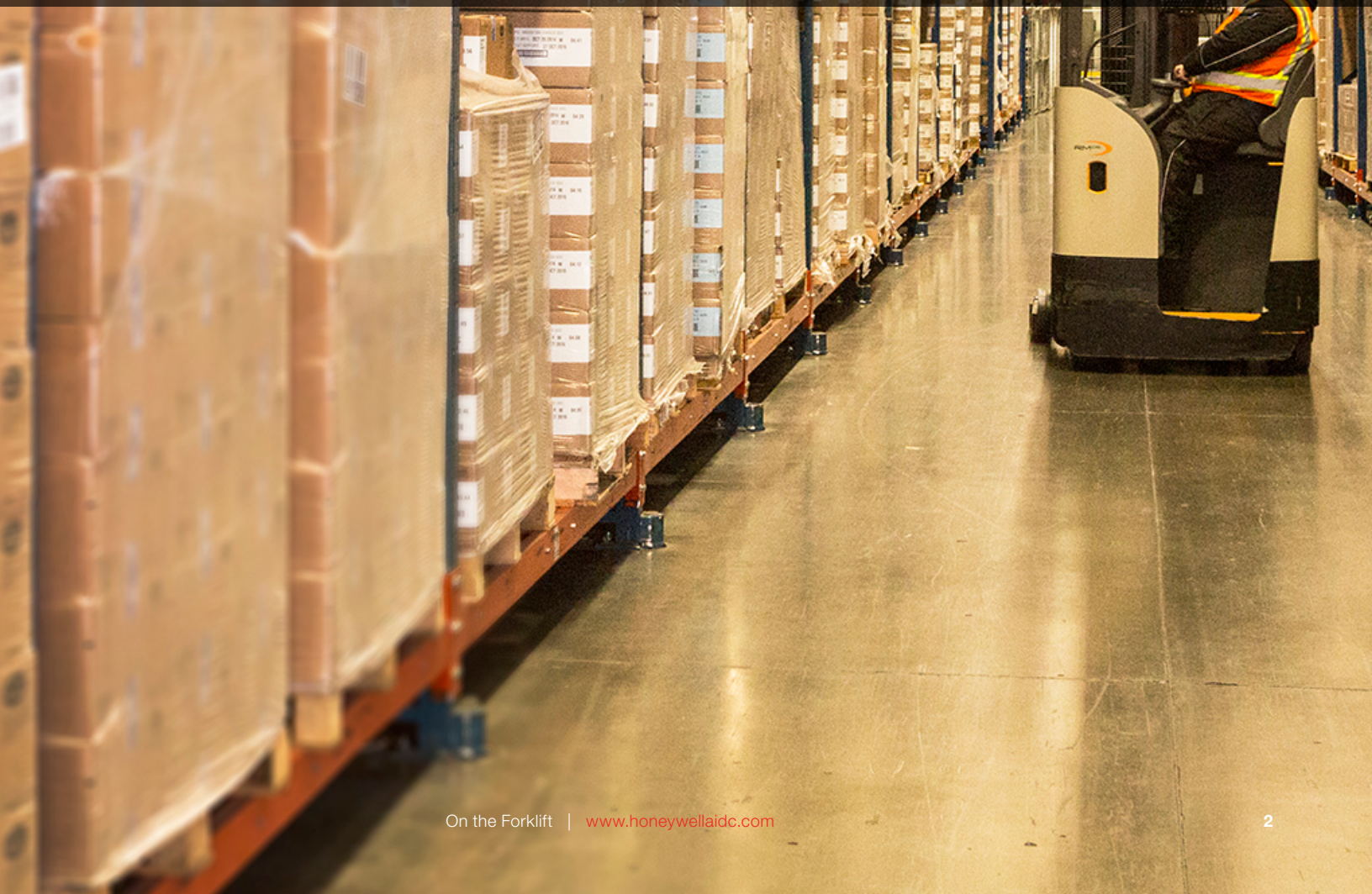




# Honeywell Forklift Solutions: Elevate Your DC Operations with Integrated Vehicle Solutions

Throughout the supply chain, forklifts have transformed from material-handling vehicles into information-technology platforms that leverage computers, barcode scanners, printers, RFID, voice and software to optimize complex workflows. Vehicle-mounted computing and data collection is a proven best practice for improving workflows that offers significant performance benefits:

- Drive workflow productivity with automatic tracking of vehicle location and status.
- Reduce material-handling costs while improving compliance and safety with better operational efficiency.
- Optimize order fulfillment rates and inventory accuracy with real-time tracking.
- Prevent misshipments by automatically verifying pallet ID and dock-door location.
- Streamline operations while reducing labor costs and capital expenses by integrating your technologies into seamless solutions.





## Vehicle-Performance Solution

Honeywell Operational Acuity™ Solutions are powerful analytics platforms that improve workflow performance by delivering actionable insights. Our Vehicle-Performance Solution provides data-driven insights that enable you to optimize your use of material-handling trucks, thus reducing your operating costs and improving compliance. Greater driver awareness and transparency also increase worker safety and reduce inventory damage.

The solution enables you to fully leverage your existing vehicle-technology investments, and there is no need to retrofit vehicles with sensors, relays or controls. The solution kit provides all required components – vehicle sensor unit, badge reader and front/rear cameras – along with a software wizard for rapid installation and configuration that puts your vehicle back to work in mere minutes.

## Vehicle-Mount Computers

Honeywell vehicle-mount computers are purpose-built to drive productivity across a wide range of applications in the toughest distribution center environments, manufacturing facilities and freight operations. With diverse options in size and function, including features such as Wi-Fi, Bluetooth® wireless technology, Honeywell Vocollect™ voice solutions and RFID, there's a Honeywell vehicle-mount computer optimized for any material-handling workflow.

### ***Thor VM3 30.7-cm (12.1-in) Vehicle-Mount Computer***

The Thor™ VM3 is the industry's most capable full-size vehicle-mount computer, delivering unmatched workflow efficiency in the toughest environments. The Thor VM3 computer offers the latest functionality for security and productivity, enabling your workers to maximize their effectiveness in activities such as case picking, truck loading, cold storage, putaway and replenishment. The Thor VM3 computer deploys quickly and easily into any application environment, including both existing and future IT infrastructures.

### ***Thor VM1 20-cm (8-in) Vehicle-Mount Computer***

The mid-sized Thor VM1 vehicle-mount computer strikes an ideal balance of usability, performance and easy maintenance. Three design breakthroughs deliver rapid value: a Smart Dock that mounts/detaches in seconds; a field-replaceable front panel that speeds servicing; and an ignition control that reduces startup time and extends vehicle battery life. The Thor VM1 computer deploys quickly in any IT or application environment: dry goods to cold storage, indoor or outdoors, in-premise or over the road.

### ***Thor CV31 16.5-cm (6.5-in) Vehicle-Mount Computer***

The Thor CV31 vehicle-mount computer combines the latest computing technology with a highly compact footprint, presenting your critical workflow information where it is easy to see, always in reach, but never in the way. With its 16.5-cm (6.5-in) display and powerful 1.5 GHz dual-core CPU, the CV31 computer runs complex voice-, screen- and scan-intensive applications with ease. The Thor CV31 computer is optimized for a wide range of environments, including cold storage.



## Rugged Handheld Computers

Honeywell mobile computers improve your workflows with advanced data collection, real-time communication, extended battery life and industrial-strength hardware. Thanks to the industry's fastest, longest-range scan engines, such as near/far imagers that read 1D and 2D barcodes from 15.2 m (50 ft), forklift operators can fulfill pick-and-run workflows more efficiently in any environment, and a wide range of vehicle-mount and snap-on accessories ensure unmatched versatility.



### ***CK3X Rugged Mobile Computer***

Due to a highly adaptable design, the CK3X rugged mobile computer enables a variety of in-premise workflows to achieve their full performance potential, improving your operational metrics, simplifying your IT support and controlling operating costs.

### ***CK71 Ultra-Rugged Mobile Computer***

The CK71 ultra-rugged mobile computer is a no-compromise, next-generation mobile platform that delivers true functional agility with the perfect balance of ruggedness, duty cycle and ergonomics for the most demanding distribution center environments.

### ***Tecton Cold Storage Mobile Computer***

Light enough for scan-intensive picking yet tough enough to excel in extremely cold environments, the Tecton™ cold storage mobile computer is purpose-built with internal heaters, screen defrosters and special battery packs, all of which optimize operating life and usability as operators roam in and out of refrigerated environments.



## Industrial Handheld Barcode Scanners

Built for long-term durability, industrial-grade Honeywell barcode scanners ensure superior durability and reliability, no matter the environment. From tough applications in harsh locales to high-volume scanning in fast-paced settings, Honeywell scanners optimize critical data collection workflows. And your operators can easily scan pallets from long distances without leaving their forklift, thanks to the same extra-long-range imagers used in our mobile computers.



### ***Granit 1980i and 1981i Industrial-Grade Full-Range Scanners***

The Granit™ 1980i wired and 1981i wireless scanners feature full-range area-imaging technology capable of reading both 1D and 2D barcodes across a wide range of distances. From poor-quality 2-mil codes scanned at close range to 100-mil codes scanned in the warehouse rafters from 16 m (52 ft) away, the 1980i scanner is built to read virtually all barcodes across its unmatched range, supporting maximum operator productivity in the harshest environments.



### ***Granit 1280i Industrial-Grade Full-Range Laser Scanner***

The Granit 1280i industrial-grade laser scanner goes the distance, reading 1D barcodes out to 16.5 m (54 ft), or as close as 8.9 cm (3.5 in). Built to read virtually all linear barcodes across a wide depth of field, the 1280i laser scanner supports maximum worker productivity with its extended reading range, intuitive and configurable user feedback and true industrial-strength ruggedness.





## Rugged Mobile Printers

Compact, lightweight and rugged: Honeywell mobile printers deliver high-speed performance and agility for labeling workflows in any industrial environment or application. Our mobile printers integrate seamlessly with Honeywell computers, software and other data collection technologies for a complete forklift solution.

### ***MP Compact Mobile Label Printers***

The MP Compact Mobile label printer is easy to use, rugged and does as much as large industrial printers in just a fraction of the footprint. The super-compact, all-metal casing is perfect for forklift applications, and an available forklift mounting kit makes attachment quick and easy. With a direct connection to forklift power (24–48V DC), integrated WLAN 802.11a/b/g/n, easy-to-replace media and larger media capacity than most mobile printers, the MP Compact Mobile is the ultimate forklift printer.



### ***PB22, PB32 and PB50 Rugged Mobile Label Printers***

With fastest time to first label, PB Series rugged mobile label printers are purpose-built to ramp up your workflow productivity. Sized from 50 mm to 100 mm (2 in to 4 in), these versatile printers deliver best-in-class performance and integrate seamlessly with Honeywell devices to lower costs in development, deployment and support. With optional vehicle-mounts, PB Series mobile printers can be easily mounted directly on the forklift, thus accelerating your processes and eliminating errors by providing the ability to print labels right at the point of application.



## RFID Readers and Antennas

Gain real-time visibility, improve asset utilization and increase your workflow flexibility with RFID technology built specifically for the unique demands of forklifts and the distribution center. These devices support Honeywell Advanced RFID Extensions (ARX), the most accurate method for rapidly identifying tag motion and relative position.

### ***IV7 Vehicle-Mount RFID Reader***

Hands-free, automatic data collection built right into your forklift: IV7 vehicle-mount RFID readers are cast in rugged aluminum alloy to repel the hazards of forklift operation, and connect directly to mounted computers and forklift power for easy deployment.



### ***IA33D / IA33E RFID Antenna Cell***

The RFID Antenna Cell fits handily in a forklift backrest, and has a unique metal build that, unlike most antennas, enables it to defy tough shocks and vibrations. An optional Adaptable Load Backrest dramatically cuts installation time and cost.





## Voice Solutions

Avoid dangerous situations and money-sapping vehicle stops: Voice-enabled workflows eliminate “texting and driving” to safely deliver real-time instructions while moving. Honeywell Vocollect voice solutions integrate seamlessly with our data-collection technologies for use throughout your enterprise, including all forklift applications.

### ***Vocollect A700 (Vehicle-Mount Configuration)***

The Vocollect A700 mobile computing device with VoiceCatalyst™ software creates a natural-language interface for vehicle workflows, driving big improvements in productivity and accuracy. Your operators simply listen, talk and act – while focusing on the task at hand. The vehicle-mount configuration provides rapid, simple installation.



### ***Vocollect SRX2 Wireless Headset***

Freed from cords, workers have quick and easy on-and-off access from the vehicle. Real-time information remains available even when away from the vehicle to prevent costly errors or delays.





# Only Honeywell.

Only Honeywell offers a complete portfolio of integrated technologies and solutions purpose-built for the unique needs of your forklift operators.

Contact us today to find out what your business can achieve with Honeywell:

Call 800.582.4263 or visit [www.honeywellaidc.com](http://www.honeywellaidc.com).



**For more information:**

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